

SECRET

25X1

1968 OCT 10 20 19Z

out 66135

R 102007Z OCT 68
FM NPIC WASHDC
TO RUEOJFA/DIA (DIAXX-2)
RUEOJFA/JCS (JRC)
RUEFQA/HQ USAF FOR AFNICAD & AFEDRP
RUOSAAA/SAC (DIR)
RUOSAAA/544TH ARTW OFFUTT AFB
RUWMDDA/9 SRW (DCI)
RUHHHQA/CINCPAC
RUHHBRA/CINCPACFLT
RUHHABA/CINCPACAF (DIR)
RUHHHGA/CINCUSARPAC

RUCIFGA/AERONAUTICAL SYSTEMS DIV (AS2B), WPAFB OHIO
BT

S E C R E T [] CITE NPIC 4781
SUBJECT: EVALUATION OF GIANT SCALE MISSION S-355, FLOWN
18 SEPTEMBER 1968

1. QUALITY SUMMARY, MISSION S-355: THIS MISSION PROVIDES
IMAGERY COMPARABLE TO THE RECENT GIANT SCALE MISSIONS. CLOUDS

PAGE 2 RUEADJU 35 S E C R E T []
AND HAZE OBSCURE 70 PERCENT OF THE ENTIRE MISSION. IN CLEAR
AREAS, INTERPRETATION SUITABILITY IS FAIR TO POOR. EMPIRICAL
GROUND RESOLUTION ESTIMATES OF BEST IMAGERY AT OPERATIONAL AL-
TITUDE ARE AS FOLLOWS:

DISTRIBUTION	
CV	OFFICE
✓	FILE
✓	CABLES
✓	PP&B/EE
✓	SECUS
34	TSSG/25X1 ✓
	PSC/25X1
	HRD
	REFID
	AID
	FOR
	FRON
	SOLEN
	WSET
	ELAS25X1
	M&S
	PER
	LAS
	MLA-114
	EL25X1
	EL25X1
	25X1
	CNA

ADVANCE CY
SANITIZED
WITH TEXT

2. ANALYSIS OF THE TECHNICAL OBJECTIVE CAMERAS:
- COMMENTS APPLICABLE TO BOTH CAMERAS:
 - NO UNUSUAL ANOMALIES.
 - LEFT TECHNICAL OBJECTIVE CAMERA (S/N 6407)
 - AFTER THE SECOND CAMERA OFF/ON (BETWEEN FRAMES 328/329), THE IMAGERY IS DEGRADED BY AN APPARENT OUT OF FOCUS CONDITION.
 - RIGHT TECHNICAL OBJECTIVE CAMERA (S/N 6422)
 - VIGNETTING IS PRESENT IN FRAMES 9-61 ALONG THE NON TITLED SIDE OF THE FRAMES. THIS DEGRADATION EFFECTS AS MUCH AS 2.0 INCHES OF THE FORMAT.
 - THE EXPOSURE OF FRAMES 1-61 WAS ADEQUATE. FRAME

PAGE 3 RUEADJU 35 S E C R E T []
S2 AND ALL SUBSEQUENT FRAMES WERE GROSSLY OVEREXPOSED.

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3. ANALYSIS OF THE OPERATIONAL OBJECTIVE CAMERAS:
- COMMENTS APPLICABLE TO BOTH CAMERAS:
 - THE EXPOSURE IS GENERALLY INADEQUATE. ON MOST FRAMES, THE LACK OF EXPOSURE RESULTS IN A SIGNIFICANT LOSS OF INFORMATION.
 - LEFT OPERATIONAL OBJECTIVE CAMERA
 - NO UNUSUAL ANOMALIES.
 - RIGHT OPERATIONAL OBJECTIVE CAMERA
 - NO UNUSUAL ANOMALIES.

GP-1
S E C R E T []

END OF MESSAGE

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GROUP 1
Excluded from automatic
downgrading and
declassification